

## **ABSTRACT OF THE DISCLOSURE**

The present invention provides methods and systems for controlling access to a data object having an identifier (ID). In a computer application, before access a data object, a check is performed to determine whether an ID associated with the data object is contained in a lock object and the ID is associated with a storage location. If the ID is not contained in the lock object or if the ID is not yet associated with a storage location, the data object is accessed.

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